DATUM TRANSFORMATIONS

HORIZONTAL:

· **NAD27 to NAD83(86)**

· **NAD83(86) to NAD83(XX) [or HARN]**

· **No exact equations available which fit existing distortion:**

  - **NADCON does surprisingly well**

  - **Local fit can be better for a "price"**

· **User options:**

  - **Know the quality of data you are working with**

  - **Test your results so you can express confidence in them**

VERTICAL:

· **NGVD29 to NAVD88**

· **Great Lakes Datum - Dynamic Heights (same only different)**

· **No exact equations available which fit existing distortion:**

  - **VERTCON performs surprisingly well**

  - **Local fit can be better for a "price"**

· **User options:**

  - **Know the quality of data you are working with**

  - **Test you results so you can express confidence in them**

EXAMPLES - SEWRPC:

· **Horizontal**

· **Vertical**

Las Cruces, NM 88003